

#9/C  
Bp  
1-29-2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	Group Art: 1634
Gulati	)	Examiner: Y. Kim
Serial No.: 09/523,539	)	Atty Docket: VIALO-04
Filed: Mar. 10, 2000	)	

Title: METHOD AND SYSTEM FOR QUANTITATION OF VIRAL LOAD USING MICROARRAYS

RESPONSE TO OFFICE ACTIONAssistant Commissioner for Patents  
Washington, DC 20231

Sir/Madam:

In response to the Office Action dated July 3, 2001, Applicant submits the following:

IN THE SPECIFICATION

Please insert the following statement prior the Field of the Invention, - Related Application, This application is a Continuation-in-Part of U.S. Patent Application Ser. No. 09/253,791 of Sandeep Gulati entitled "Method and Apparatus for Exponentially Convergent Therapy Effectiveness Monitoring Using DNA Microarray Based Viral Load Measurements" filed February 22, 1999 --.

00 FC:

01/29/2002 WPHILLIP 00000005 09523539

01 FC:202

42.00 OP

02 FC:217

460.00 OP

1

460.00 OP

01/30/2002 WPHILLIP 00000001 09523536

202 42  
217 460

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)  
502**Complete if Known**

Application Number	09/523,539
Filing Date	03-10-2000
First Named Inventor	Gulati
Examiner Name	Kim
Group Art Unit	1634
Attorney Docket No.	11A40-04

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)  
0**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra Claims Fee from below Fee Paid

Total Claims 20 - 20\*\* = 0 X 0 = 0

Independent Claims 4 - 3\*\* = 1 X 42 = 42

Multiple Dependent Claims =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependant claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)  
42

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	460
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
460**SUBMITTED BY**

Name (Print/Type) Carl A. Kukkonen, III

Signature Carl M. Kukkonen, III

Registration No. (Attorney/Agent) 42,773

**Complete (if applicable)**

Telephone 626-296-6284

Date 12-28-01

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.